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JESTER, A.W.

ORGAN, R.V ZZUTO, V.M. OTTER, G.L.

ANDLIN, N.B

<u>CHUBERT, A.L.</u> CHWARTZ, J.K

ETLOCK, G.H. TIGER, S.G. DBIN, P.M.

OORHEIS, G.M

ILSON, J.M.

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HOLLOWELLL

ATTERWHITE, D.G.

DLAN, P.M.

NNI, B.J

LL. R.E

ARX, G.E. DONALD, M.M KENNA, F.G.

DIST.

IRLINGAME, A.H. ISBY, W.S. IRNIVAL, G.J. IRDOVA, R.C. IVIS, J.G. IRRERA, D.W. LTR ENC



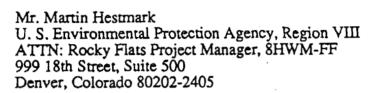
Department of Energy

ROCKY FLATS FIELD OFFICE P.O. BOX 928 GOLDEN. COLORADO 80402-0928

Dec 16 | 19 PH '94

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Mr. Joe Schieffelin Hazardous Waste Facilities Unit Leader Colorado Department of Public Health and Environment 4300 Cherry Creek Drive South Denver, Colorado 80222-1530

Gentlemen:

Enclosed is an interim treatability test report for phases I and II of the Bioremediation test work being conducted on soil samples taken from Operable Unit 2 (OU 2) at Rocky Flats Environmental Technology Site. The transmittal of this interim report is partial fulfillment of the November 12, 1994 milestone for the Site Wide Treatability Studies program.

Phase I of this treatability study examined the transformations of solvents occurring when solvents contact sterile and nonsterile soil samples. Phase II of this study involves culturing four microbial populations from OU 2 soil which are known to be important in the degradation of aliphatic solvents and testing the populations' ability to degrade various solvents. Solvents tested were: perchloroethylene, trichloroethylene, carbon tetrachloride, methylene chloride, 1,1,1-trichloroethane and 1,1,2-trichloroethane. Results of this study to date have been promising and the treatability study is scheduled to continue throughout FY 1995.

The Department of Energy requests that you acknowledge the receipt of this report prior to January 13, 1995. If you have any questions please contact Norma Castaneda at extension 966-4226.

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ORRES. CONTROL X X DMN RECORD/080 ATS/T130G

Reviewed for Addressee Corres, Control RFP

12-16-94 (18) DATE BY

Enclosure



Sincerely,

Steven W. Slaten
IAG Project Coordinator
Environmental Restoration

ef Ltr. #

OE ORDER # 5400.

AUIVIIN RECCRD

cc w/Enclosure:
J. Ahlquist, EM-45, HQ
C. Gesalman, EM-453, HQ
J. Ciocco, EM-453.1, HQ
CDPHE
A. Duran, EPA

cc w/o Enclosure:
M. Silverman, OOM, RFFO
R. Schassburger, ER, RFFO
N. Castaneda, ER, RFFO
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Administative Record